



Table of Contents

IN PRESS

[CJGPB 2014](#)

[CJGPB 2013](#)

[CJGPB 2012](#)

[CJGPB 2011](#)

[CJGPB 2010](#)

[CJGPB 2009](#)

[CJGPB 2008](#)

[CJGPB 2007](#)

[CJGPB 2006](#)

[CJGPB 2005](#)

[CJGPB 2004](#)

[CJGPB 2003](#)

[CJGPB 2002](#)

[CJGPB](#)

[Home](#)

Editorial Board

For Authors

- **Authors
Declaration**
- **Instruction
to Authors**
- **Guide for
Authors**
- **Copyright
Statement**
- **Submission**

For Reviewers

- **Guide for
Reviewers**
- **Reviewers
Login**

Subscription

Czech J. Genet. Plant Breed.

Emmer wheat Rudico can extend the spectra of cultivated plants – Short Communication

Czech J. Genet. Plant Breed., 43 (2007):
113-115

Emmer wheat (*Triticum dicoccum* Schübl. or also *T. dicoccon* Schrank) tetraploid wheat species was grown in the Czech territory till the 6th century A.D. when it was replaced by bread wheat. At present only landraces and wild forms of this species are available in collections of genetic resources. With the aim to extend the spectra of grown crops, a collection of emmer genetic resources in the Czech Gene Bank was studied. An accession later in ripeness, with a good level of resistance to fungal diseases and with a high yield potential was selected from the collection. After bulk selection procedure and three year testing it gained a certificate of legal protection as cultivar Rudico. The cultivar with high protein content and very good resistance to

fungal diseases was found to be able to meet the requirements for organic growing systems as well.

Keywords:

emmer wheat; grain yield; protein content; legal protection

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